PV	INSTALLATION FOR	M		(Page 1 of 2) NSHP PV-2		
Site	Address						
			Date				
inst Par of i	aller must perform the field tnership Guidebook, Appendix	l verification and dia x B. The PV installer ptographs, product inv	each installed PV system. What ignostic testing procedures as shall also provide a copy of the oices, or shading diagram(s)) tifications.	s specified in the Installation For	ne New Solar Homes m and any other proof		
PH	OTOVOLTAIC SYSTE	M:					
	Equipment Type	SB1 Eligible	Manufacturer Name and Model N	✓ Indicate Pass/Fail			
Meter (Must be built into inverter or listed as CEC eligible.)			□ Pass □ Fail				
Inverter (Must be same as listed on NSHP PV-1.)				□ Pass □ Fail			
	PV Modules:						
(Mus	t be same as listed on NSHP PV-1.) ☐ Rack-mount ☐ BIPV	Number of Series modules in each string	Parallel	Total amber of Modules	□ Pass □ Fail		
Ins	tallation Specifications	,	Method used to determine value	Value measured	Value within tolerance of NSHP PV-1 value.		
1	The azimuth of the installati (degrees from North)	on.			□ Pass □ Fail		
2	The roof pitch/tilt of the inst (Rise:Run / degrees from horizonta				□ Pass □ Fail		
3	The mounting height of the (one story, two story, or actual heig ground) (Pass if measured value is on NSHP PV-1)	installation ght in feet from greater than value			□ Pass □ Fail		
4	The standoff height of the arroof. (If BIPV or ground mount, enter 0, value is greater than value on NSH) (Pass if measured			□ Pass □ Fail		
Per	formance Specifications	3	Method used to determine value	Value measured	Value within tolerance of NSHP PV-1 value.		
5	Measurement of solar irradi (W/m²)	ance.					
6	Measurement of ambient temperature.						
7	Expected output from Field V	Verification Table (FVT)*	FVT				
8	The electric production (W) display.	as shown on the inver	rter or other performance		[Value of line 8 > line 7] Pass Fail		

^{*} FVT is generated by the CEC PV Calculator and is unique for each system. FVT values are for an unshaded array. The FVT for this system is on the corresponding NSHP PV-1

PV INSTALLA	TION FOR		(Page 2 of 2) NSHP PV-2						
Site Address									
Shading Specifi	cations	Value measured		Value within tolerance of NSHP PV-1 value.					
9 Was the "Min								☐ Yes ☐ No	
The minimum distance-to-height ratio (2:1) criteria is met for all existing planned trees or are accounted for in the calculation and based on the minimum distance-to-height ratio (2:1) criteria is met for all existing planned trees or are accounted for in the calculation and based on the minimum distance-to-height ratio (2:1) criteria is met for all existing planned trees or are accounted for in the calculation and based on the minimum distance-to-height ratio (2:1) criteria is met for all existing planned trees or are accounted for in the calculation and based on the minimum distance-to-height ratio (2:1) criteria is met for all existing planned trees or are accounted for in the calculation and based on the minimum distance-to-height ratio (2:1) criteria is met for all existing planned trees or are accounted for in the calculation and based on the minimum distance-to-height ratio (2:1) criteria is met for all existing planned trees or are accounted for in the calculation and based on the minimum distance-to-height ratio (2:1) criteria is minimum distance-to-height ratio (2:1) criteria is met for all existence or are accounted for in the calculation and based on the minimum distance-to-height ratio (2:1) criteria is met for all existence or all existence or are accounted for all existence or a						[See ta	able below]	□ Pass □ Fail	
height from the appropriate height category (small, medium, large). The minimum distance-to-height ratio (2:1) criteria is met for all other									
11	n distance-to-l ructions** or a	[See table below]		□ Pass □ Fail					
ii. Any part of theiii. Any tree that isiv. Any tree that is shading must bev. Any existing nevi. Any planned ne	ney, architectural neighboring terra mature at the tim s planted on the le based on the ma eighboring buildir eighboring buildir	feature, mechanical equin. te of installation of the solutilding lot or neighbor ture height of the tree).	country to the solar energy systeming lots or plans	obstruction that i em. ned to be planted cant or building o	as on the las part	of the la	iny other part o	of the building. the building (the expected	
n-field Shading	g Confirma	tion Table	Method 1		Meth	nod 2		4	
Compass Sector	✓ if "Minimal Shading"	Obstruction Type	Altitude Angle	Horizontal Distance		ight rence	Distance to-Heigh Ratio	DV. (tabe illeasure.	
ENE [>55 to 79]									
E [>79 to 101]									
ESE [>101 to 124]									
SE [>124 to 146]									
SSE [>146 to 169]									
S [>169 to 191]									
SSW [>191 to 214]									
SW [>214 to 236]									
WSW [>236 to 259]									
W [>259 to 281]									
WNW [>281 to 305]									
). These item			RS rater so th				ographs, product invoice nstallation, performance	
				-					
<u>-</u>			-						
1) The actual eq	uipment insta	that equipment list lled, 2) that specific lity under NSHP.	ed in the CEC	CPV Calculato					
Installing Subco	ontractor (Co.	Name) OR General	l Contractor (Co. Name) Ol	R Own	er			
Signature:							Date:		

Copies to: BUILDER / HOMEOWNER, NSHP APPLICANT, HERS RATER

Instructions for completing In-field Shading Confirmation Table

For each Compass Sector, check the box if Minimal Shading has been specified and verified for that sector.

If a compass sector has been specified to have shading or does not qualify for *Minimal Shading*:

- 1. Enter the *Obstruction Type* (e.g. tree, vent, neighboring structure).
- 2. Choose either Method 1 or Method 2 to enter the information about the obstruction. You do not need to complete both methods.
- 3. For Method 1, enter obstruction Altitude Angle.
- 4. For Method 2:
 - a. Enter the *Horizontal Distance* from the nearest point on the array to the obstruction. For trees, measure to the nearest edge of the trunk.
 - b. Enter the *Height Difference* from the nearest point on the array to the highest point on the obstruction. For obstructions not on the roof, the *Height Difference* is the height (from the ground) of the highest point on the obstruction minus the mounting height (from the ground) of the array. For obstructions on the roof, the *Height Difference* is the height (from the roof) of the highest point on the obstruction minus the mounting height (from the roof) of the array.

Use the following mature tree heights for each height category:

```
Small – 20 feet

Medium – 35 feet

Large – 50 feet

Tree currently taller than 50 feet - actual height measured on site
```

Use the following mounting heights:

```
One-Story – 12 feet
Two-Story – 22 feet
Specific height shown on CF-1R-PV – actual height measured on site
```

- c. Enter the Distance-to-Height Ratio.
- 5. Enter the tool used to make the measurement or verification (e.g. tape measure, photograph).